



#12158  
6/5/03

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BY: Raquel M. Alvarez DATE: May 27, 2003

PATENT  
MAIL STOP

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re:	Patent Application of Clark A. Rundell <i>et al.</i>	: Group Art Unit :1637
		:
Appln. No.:	09/866,283	: Examiner: Teresa E. Strzelecka
		:
Filed:	May 25, 2001	:
		:
For:	COMPOSITIONS AND METHODS RELATING TO NUCLEIC ACID REFERENCE STANDINGS	: Attorney Docket No. 53650-5001
		:

**RECEIVED**

JUN 04 2003

**TRANSMITTAL OF FORMAL DRAWINGS**

TECH CENTER 1600/2900

**Attention Official Draftsperson:**

Enclosed are eleven (11) sheets of formal drawings, Figures 1 through 9, corresponding to the above identified application. It is respectfully submitted that the enclosed formal drawings are in acceptable form.

Respectfully submitted,

**CLARK A. RUNDELL ET AL.**

May 27, 2003  
(Date)

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Enclosures: Eleven (11) sheets of formal drawings

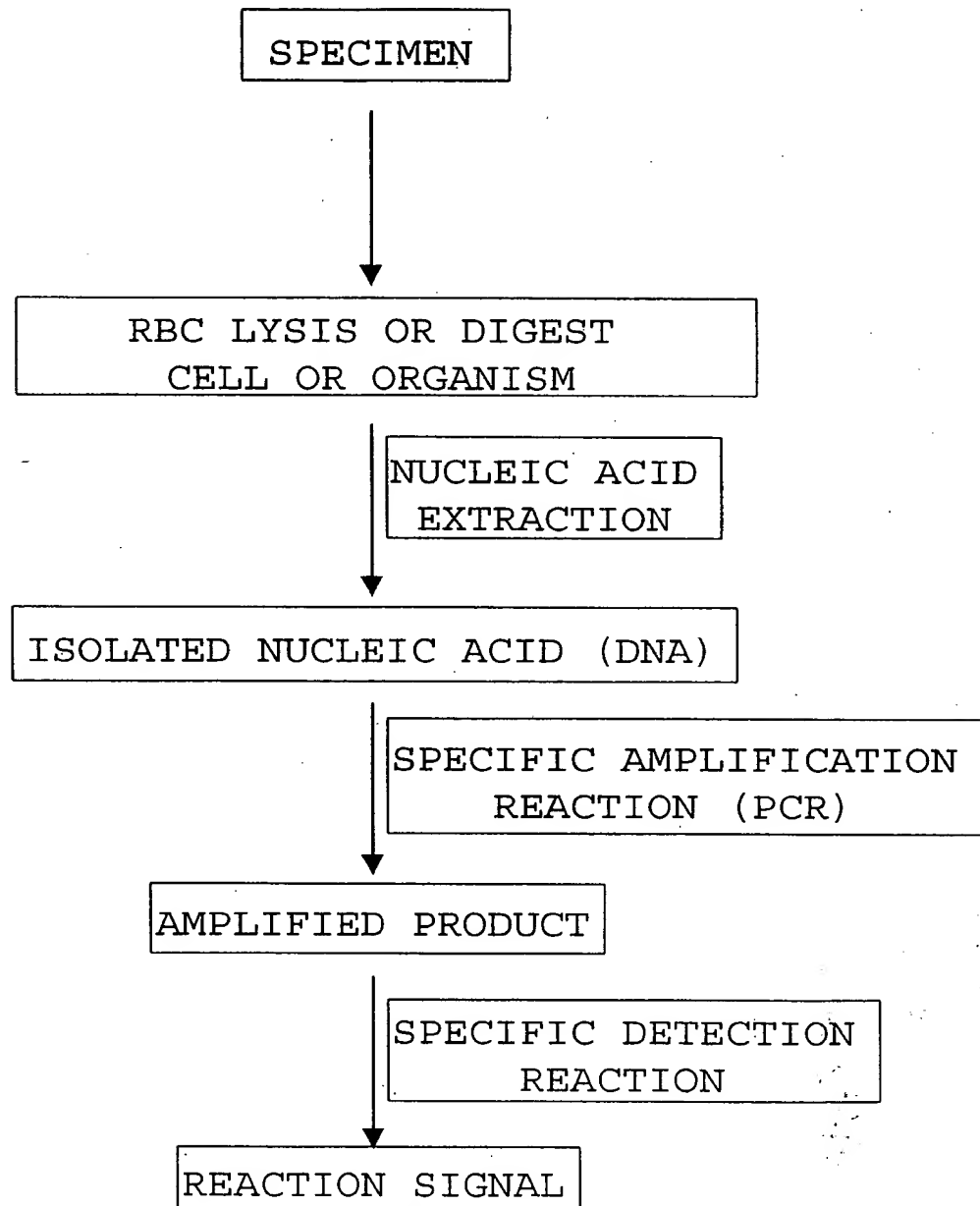
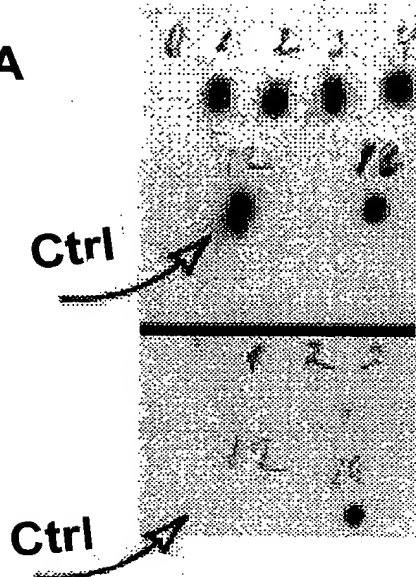


FIGURE 1

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Fig 2A

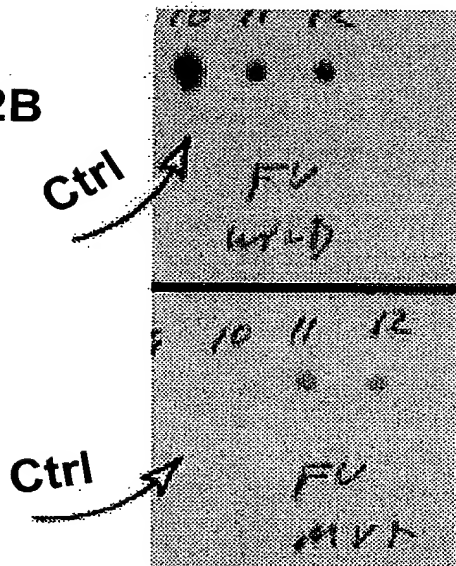


Day 9

WT probe

Mut probe

Fig 2B

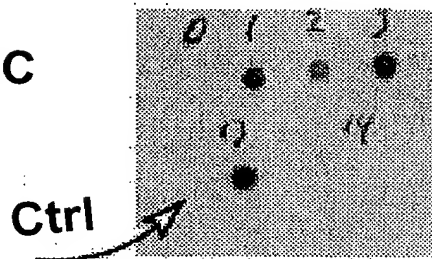


Day 26

WT probe

Mut probe

Fig 2C



Day 70

WT probe

Fig 2D

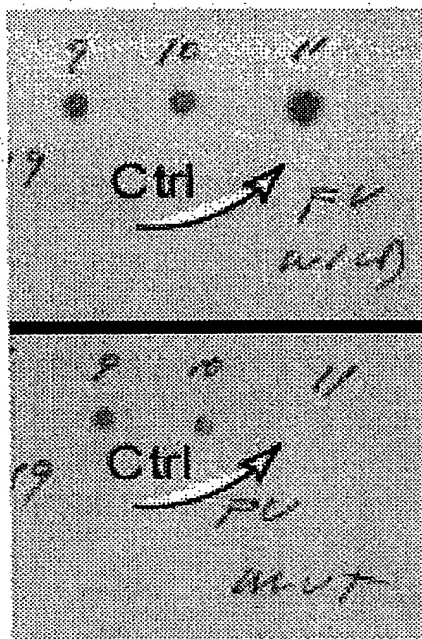


Fig 2E

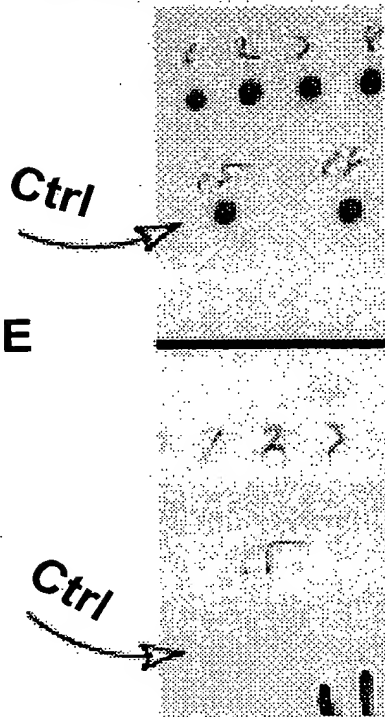


Fig 2F

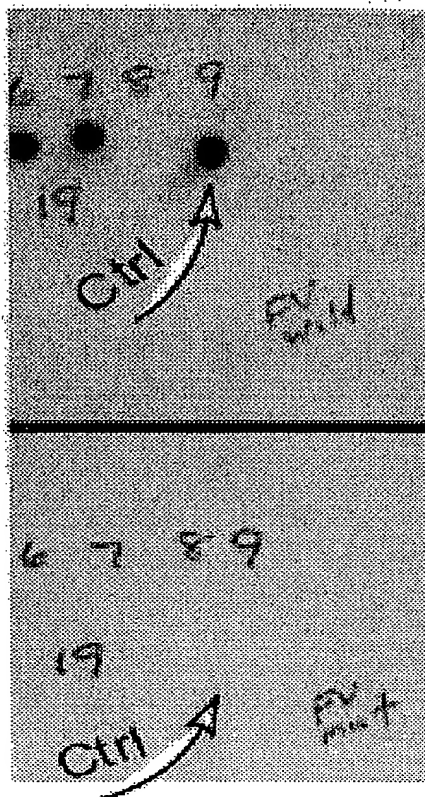
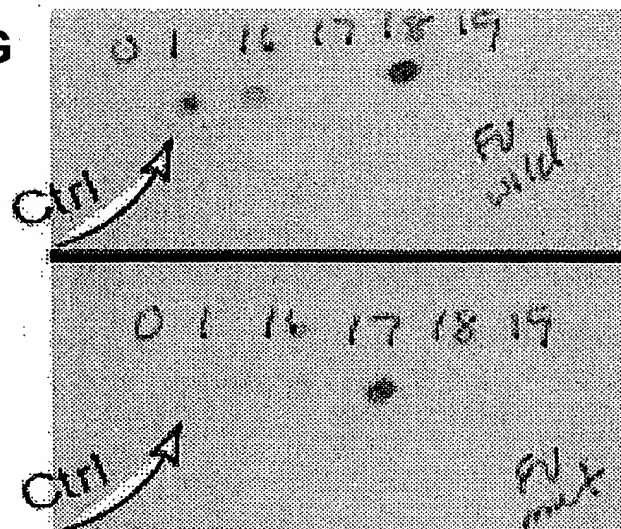


Fig 2G





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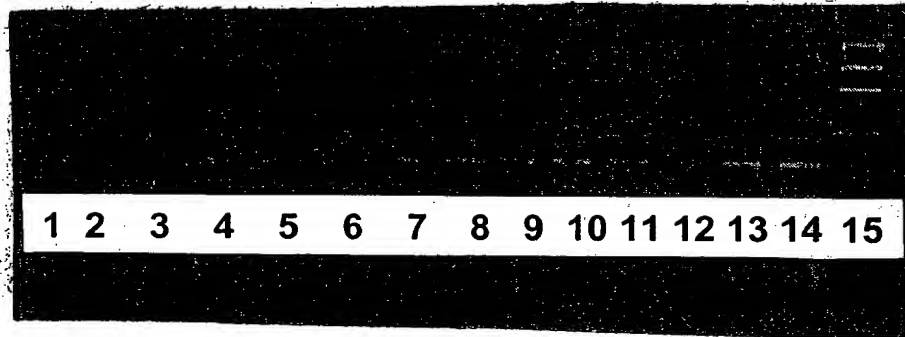


FIGURE 3



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FIGURE 4



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FIGURE 5





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FIGURE 6



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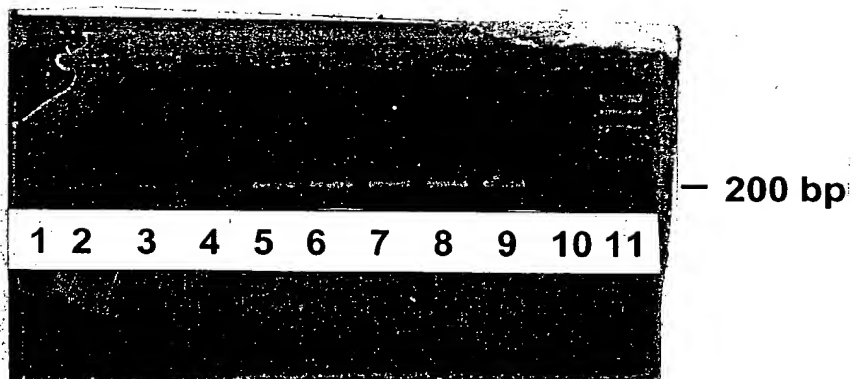
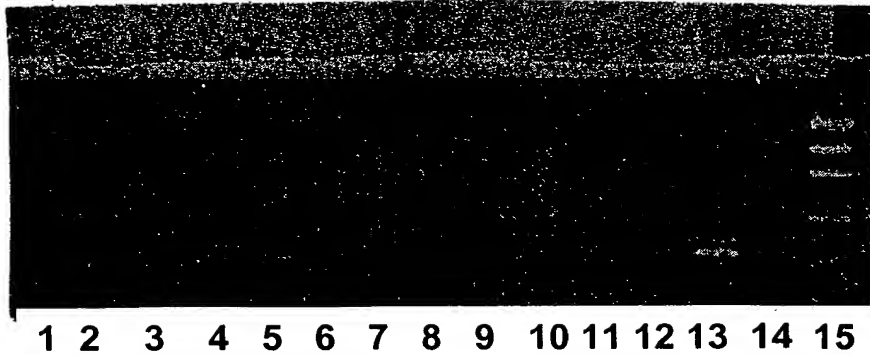


FIGURE 7

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

FIGURE 8

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11/11

62521 AAAGAGCTTTATACCTTTTACCAGATGGTATCTCACTGAACCCCAACAGACCTGTAAACA  
62581 TTTTGTAGGAGGTTATTACCCATTGTGATAAAGGAAGAAATTAGGAAAGGCTAATCAACT  
62641 TGCTCAACACATCCAATACCAACAGACCTGGAAATTGAAACTAAGACAAAATATGTTATC  
62701 AACTCTAGACTTGCCTTCGGCAGTGATGGTACTGATAAAAATAGACAAAACAAAAA  
62761 AAAAAGAAATAAATGTTATCACACTGGTGCTAAAAGGACTACTTGACAATTACTGTTCTC  
62821 TTGAAGGAAATGCCCCCATTTATTAGCCAGGAGACCTAAACATGTTCTAGCCAGAAATAAT  
62881 CTCAGAAATTTCTGAAAGGTTACTTCAAGACAAAAATACCTGTATTCTTGCCTGTCCAGG  
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63001 TCCACGTCACTGTAGTATGGTCTTGTGTTAAGCACTGGGCATCATTTTCTGTGGTTTCATCA  
63061 AACTCTAAGATGTTCCACTTATAAGTATAGGTTTCCCCCTGGTTGAACCTGCTCTGATCATG  
63121 GTGTTGTTCTGCCTGAAAGAAAATATATTCAAAAATTGTTTTCATTTGCAAAAGTTATTC  
63181 ATGATAATAAATAAATAAAGCTTTCGCTGGAACCAATTAATATTGCAAAAGGAATTC  
63241 TTTTATTTTATTTTTTTTAAATAATACTTTAAGTTCTAGGGTACATGTGCACAAACGTGC

FIGURE 9